



Gulf of Mexico Harmful Algal Bloom Bulletin

27 December 2005

NOAA Ocean Service

NOAA Satellites and Information Service

Last bulletin: December 27, 2005

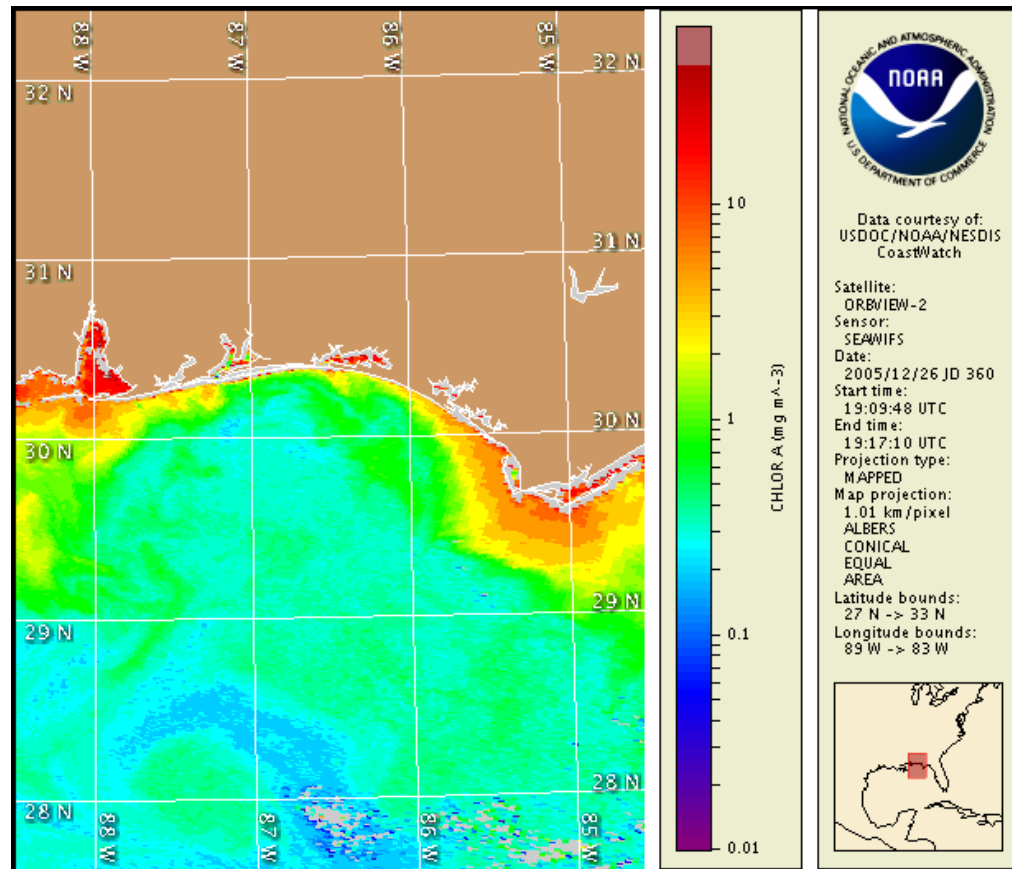
Conditions Report

No impacts expected in any FL Panhandle Counties through Thursday.

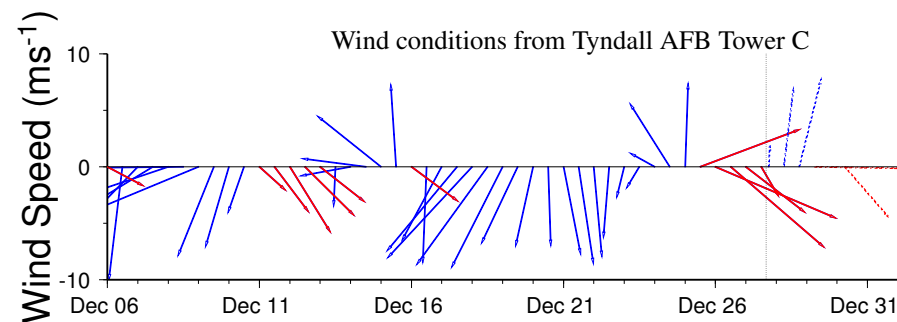
Analysis

Recent samples indicate no *Karenia brevis* onshore from Walton to Wakulla Counties (12/19-20, FWRI). A region of elevated chlorophyll remains south of Apalachicola Bay, from 84°50'W to 85°29'W along its east-west axis, and as far south as 29°18'N. Sampling is recommended to determine whether offshore region contains any remaining *K. brevis*. No impacts expected along the Panhandle through Thursday.

-Stolz



Satellite chlorophyll image with possible HAB areas shown by red polygon(s).

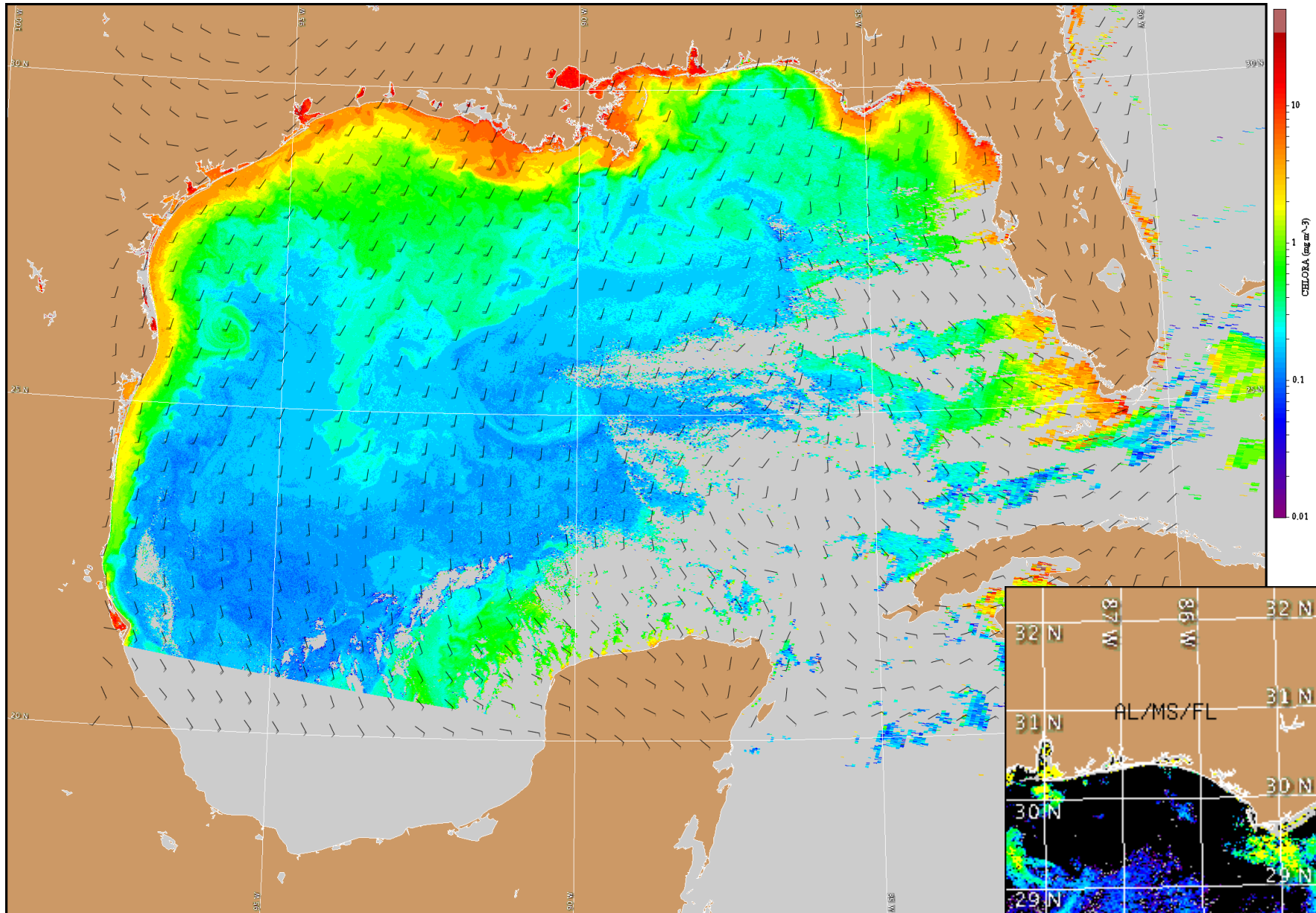


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

FL Panhandle: Northerly winds today at 5-10 knots (3-5 m/s) becoming south tonight and tomorrow at 10-15 knots (5-8 m/s). Winds clocking southwesterly Wednesday afternoon, and westerly Wednesday evening, building to 15-20 knots (8-10 m/s). Northwest winds Thursday, 10 knots (5 m/s).

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Satellite chlorophyll image and forecast winds for December 28, 2005 06Z.

Verified HAB areas shown in red. Other bloom areas shown in yellow (see p. 1 analysis for interpretation).